John Goodenough Materials Innovation Symposium

Mulva Auditorium, Engineering Education and Research Center (EER)
The University of Texas at Austin

Thursday, November 12, 2026

7:00 AM — **Breakfast**

8:15 AM — **Opening Remarks**
Roger Bonnecaze, **Dean, Cockrell School of Engineering**
Don Siegel, **Chair, Walker Department of Mechanical Engineering**
Arumugam Manthiram, **Professor, Walker Department of Mechanical Engineering**

8:40 AM — **Session 1 |** Arumugam Manthiram, Session Chair
Stanley Whittingham, **Binghamton University**
Pushing the Limits of Energy Density of Lithium Batteries
Akira Yoshino, **Asahi Kasei Corporation**
New LIB Technologies

10:00 AM — **Break**

10:30 AM — **Session 2 |** Esther Takeuchi, Session Chair
Peter Bruce, **Oxford University**
Increasing the Energy Density of Lithium Batteries
Yi Cui, **Stanford University**
Revisiting Aqueous Battery Chemistries

11:50 AM — **Lunch**

1:20 PM — **Session 3 |** Don Siegel, Session Chair
Jean-Marie Tarascon, **Collège de France in Paris**
Materials and Electrolytes for Improved and Sustainable Battery Chemistries'
Esther Takeuchi, **Stony Brook University**
The Introduction of Successful Battery Technologies
Ramesh Ramamoorthy, **University of California, Berkeley**
Solving Global Scale Problems with Basic Science: The Legacy of John Goodenough

3:30 PM — **Poster Session Reception**
EER Atrium

5:00PM — **Adjourn**

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7:00 AM	**Breakfast**
8:30 AM	**Session 1 |** Jianshi Zhou, Session Chair **Allan MacDonald, The University of Texas at Austin** *Moiré Materials* **Jun Liu, University of Washington, Seattle** *High Energy Batteries for Electric Vehicles and Beyond*
9:50 AM	**Break**
10:20 AM	**Session 2 |** Hadi Khani, Session Chair **Eric Wachsman, University of Maryland** *Achieving Extreme High Ion-Current Densities in Tailored Materials, Structures, and Interfaces* **Karim Zaghib, Concordia University, Canada** *Olivine Cathodes for Lithium-Ion Batteries: 30 Years from Discovery to Commercialization*
11:40 AM	**Closing Remarks**
11:55 AM	**Lunch**
1:00 PM	**Adjourn**

The University of Texas at Austin
Walker Department of Mechanical Engineering
Cockrell School of Engineering